

Technical Service Bulletin

**MODEL(S)
AFFECTED:**
Tennant T7 Disk model

Machines manufactured after serial number 10409228, date code DC1008 (Oct 16, 2008)

SUBJECT:

Amer brush motor (p/n 1000083) has been discontinued and replaced by an ASI brush motor (p/n 1048884). The new ASI brush motor, which is a direct replacement, has a higher efficiency (lower amp draw). Due to the lower amp draw, the circuit board software was also updated for the self-test procedure. The new circuit board part number is 1049275 - Software revision display date: 09-26-08.

PURPOSE:

If you are replacing an Amer motor with an ASI motor you may experience a brush motor fault code when performing the self-test procedure due to the lower amp draw. To assure that the ASI brush motor is fine, verify that the motor reads more than 2.5 amps while operating. If the motor reads the specified amp draw, disregard fault (false open). The brush motor fault will only occur during the self-test procedure. If a brush motor fault code appears during normal operation, refer to the troubleshooting guide in your Service Manual.

NOTES:

For questions, contact the Tennant Customer Service Department at (800) 553-8033 or (763) 513-2850. **Warranty Information:** Standard Terms Apply.



Discontinued
Amer Brush Motor
p/n 1000083



Replaced by
ASI Brush Motor
p/n 1048884



Part
Number
Location

Circuit Board p/n	Model Serial Number
1049275-New	(10409228 -)
1040297-Discontinued	(00000000-10409227)

NOTE: Circuit board replacement is not necessary when replacing an Amer motor with an ASI motor. It's also not covered under warranty if you choose to replace it for the above condition.
New circuit board not sold separately.
Included w/ Controller Replacement Kit
p/n 9001925.